

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Anand G. Dabak, Et al.**

**TI-28984**

Serial No: **09/514,452**

Filed: **02/25/00**

For: **SPACE TIME TRANSMIT DIVERSITY FOR TDD/WCDMA SYSTEMS**

**DECLARATION AND POWER OF ATTORNEY  
NOT ACCOMPANYING APPLICATION**

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described and claimed in U. S. Patent Application **Serial Number 09/514,452**, filed **February 25, 2000**; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America prior to the filing date of said application; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

|   |
|---|
| Title of Invention: <b><i>SPACE TIME TRANSMIT DIVERSITY FOR TDD/WCDMA SYSTEMS</i></b> |
|---|

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Power of Attorney: As a named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, (list name and registration number):

Frederick J. Telecky, Jr., #29,979  
William B. Kempler, #28,228;  
Jay M. Cantor, #19,906

Robert N. Rountree, #39,347  
Robby T. Holland, #33,304  
Wade James Brady III, #32,080

Please send correspondence to:

Robert N. Rountree  
Patents Department  
Texas Instruments Incorporated  
P.O. Box 655474, M/S 3999  
Dallas, TX 75265

and direct telephone calls to:

(972) 917-4431

-----  
Name of Inventor:

**CHAITALI SENGUPTA**

Residence and P.O.

**9000 Vantage Point Drive, Apt. 432  
Dallas, Texas 75243**

Citizenship:

**India**

Signature of Inventor:

*Chaitali Sengupta*

Date:

*04/03/2000*


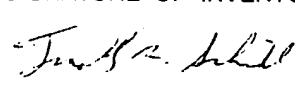
ATTORNEY'S DOCKET NO.

TI - 28984

## APPLICATION FOR UNITED STATES PATENT DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, section 1.56.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

|  |  |   |
|--|--|---|
| <b>TITLE OF INVENTION:</b> <span style="float: right;"><b>SPACE TIME TRANSMIT DIVERSITY FOR TDD/WCDMA SYSTEMS</b></span>   |  |   |
| <b>POWER OF ATTORNEY:</b> I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH:<br><br><div style="text-align: center;"> <i>Robert N. Rountree, Reg. No. 39,347</i><br/> <i>Jay Cantor, Reg. No. 19,906</i><br/> <i>Robby T. Holland, Reg. No. 33,304</i><br/> <i>William B. Kempler, Reg. No. 28,228</i><br/> <i>Ronald O. Neerings, Reg. No.: 34,227</i><br/> <i>Frederick J. Telecky, Jr. Reg. No. 29,979</i> </div> |  |   |
| <b>SEND CORRESPONDENCE TO:</b> <b>ROBERT N. ROUNTREE</b><br><i>Texas Instruments Incorporated</i><br><i>P. O. Box 655474, M.S. 3999</i><br><i>Dallas, Texas 75265</i>  | <b>DIRECT TELEPHONE CALLS TO:</b><br><br><i>Robert N. Rountree</i><br><i>(972) 917-4431</i>                          |   |
| <b>NAME OF INVENTOR: (1)</b><br><br><b>ANAND G. DABAK</b>  | <b>NAME OF INVENTOR: (2)</b><br><br><b>TIMOTHY M. SCHMIDL</b>  | <b>NAME OF INVENTOR: (3)</b><br><br><b>CHAITALI SENGUPTA</b>  |
| <b>RESIDENCE (City and State Only)</b><br><b>PLANO, TEXAS</b>  | <b>RESIDENCE (City and State Only)</b><br><b>DALLAS, TEXAS</b>   | <b>RESIDENCE (City and State Only)</b><br><b>DALLAS, TEXAS</b>                                      |
| <b>POST OFFICE ADDRESS</b><br><b>8625 KENDALL DRIVE</b><br><b>PLANO, TEXAS 75025</b>   | <b>POST OFFICE ADDRESS</b><br><b>9000 VANTAGE POINT, APT. 737</b><br><b>DALLAS, TEXAS 75243</b>                      | <b>POST OFFICE ADDRESS</b><br><b>9000 VANTAGE POINT DR., APT. 432</b><br><b>DALLAS, TEXAS 75243</b> |
| <b>COUNTRY OF CITIZENSHIP:</b><br><b>INDIA</b>   | <b>COUNTRY OF CITIZENSHIP:</b><br><b>U.S.A.</b>  | <b>COUNTRY OF CITIZENSHIP:</b><br><b>INDIA</b>  |
| <b>SIGNATURE OF INVENTOR:</b><br>  | <b>SIGNATURE OF INVENTOR:</b><br> | <b>SIGNATURE OF INVENTOR:</b><br>   |
| <b>DATE:</b> 02/25/2000  | <b>DATE:</b> 2/25/2000   | <b>DATE:</b>  |